

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	4	"10157186"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 15:49
L3	28	vonardenne	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 15:40
L4	80	erbkamm.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 15:41
L5	16	erbkamm.in. and roller	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 15:43
L6	89	erbkamm.in. student-hans-jochen.in. unganzen-peter.in. hecht-hans-christian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 15:45
L7	9	6 not 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 15:44
L8	0	6 and Zoller	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 15:45
L9	16	6 and roller	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 15:45
L10	0	"199950472"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 15:49
L11	3	"9950472"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 16:31
L12	23	"291952"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 16:31
L13	8	"291952"	EPO; JPO; DERWENT	OR	ON	2006/03/06 16:31
L14	7	"4501428"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 17:09
L17	24	hein-stefan.in. skuk-peter.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 17:10
L18	3	hein-stefan-\$.in. skuk-peter-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/06 17:10

## EAST Search History

S7	6	((("6493629") or ("6340928") or ("6674403") or ("5977913") or ("6850735") or ("6714605")).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/28 21:12
S8	4	((("5224441") or ("5627435") or ("6368899") or ("20030026989")).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/28 21:13
S9	56	(118/718.ccls. 427/255.5) and (atomic with layer with (epitax\$4 deposit\$4 coat\$4))	US-PGPUB; USPAT	OR	ON	2006/03/01 10:03
S10	23	(118/718.ccls. 427/255.5.ccls.) and (atomic with layer with (epitax\$4 deposit\$4 coat\$4))	US-PGPUB; USPAT	OR	ON	2006/02/28 22:00
S11	1852	((substrate with continu\$4) web reel roll roller drum) and (atomic with layer with (epitax\$4 deposit\$4 coat\$4))	US-PGPUB; USPAT	OR	ON	2006/02/28 21:20
S12	154	((substrate with continu\$4) web reel roll roller drum) same (atomic with layer with (epitax\$4 deposit\$4 coat\$4))	US-PGPUB; USPAT	OR	ON	2006/02/28 21:21
S13	42	( web reel roll roller drum) same (atomic with layer with (epitax\$4 deposit\$4 coat\$4))	US-PGPUB; USPAT	OR	ON	2006/02/28 21:22
S14	7	( web reel roll roller drum) same (atomic with layer with (epitax\$4 deposit\$4 coat\$4))	EPO; JPO; DERWENT	OR	ON	2006/02/28 21:21
S15	12	( web reel roll roller drum) same (atomic adj layer adj (epitax\$4 deposit\$4 coat\$4))	US-PGPUB; USPAT	OR	ON	2006/02/28 21:25
S16	12	("20020017656" "20020134426" "5482570" "5525440" "5674325" "5986206" "5990415" "6075203" "6270846" "6278056" "6291763" "6340789").PN.	US-PGPUB; USPAT	OR	ON	2006/02/28 21:25
S17	5	(roll reel roller web) with (atomic adj layer adj (epitax\$4 deposit\$4 coat\$4))	US-PGPUB; USPAT	OR	ON	2006/02/28 21:31
S18	0	(roll reel roller web) with (atomic adj layer adj (epitax\$4 deposit\$4 coat\$4))	EPO; JPO; DERWENT	OR	ON	2006/02/28 21:31
S19	1	(roll reel roller web) with (atomic adj layer )	EPO; JPO; DERWENT	OR	ON	2006/02/28 21:31
S20	3	(roll reel roller web) and (atomic adj layer )	EPO; JPO; DERWENT	OR	ON	2006/02/28 21:31
S21	42	(continuous with substrate) same (atomic adj layer adj (epitax\$4 deposit\$4 coat\$4))	US-PGPUB; USPAT	OR	ON	2006/02/28 21:32
S22	29	(118/718.ccls. 427/255.5) and ("ald")	US-PGPUB; USPAT	OR	ON	2006/02/28 21:36
S23	3	(118/718.ccls. ) and ("ald")	US-PGPUB; USPAT	OR	ON	2006/02/28 21:36
S24	0	("2005/0172897").URPN.	USPAT	OR	ON	2006/02/28 21:38
S25	27	(118/718.ccls.) and ("barrier layer")	US-PGPUB; USPAT	OR	ON	2006/02/28 22:04
S26	67	("5224441").URPN.	USPAT	OR	ON	2006/02/28 21:59
S27	21	("3898952"   "4277516"   "4384918"   "4400410"   "4551310"   "4557946"   "4559112"   "4599678"   "4741801"   "4842707"   "4847469"   "4863756"   "4920917"   "4960073"   "4968918"   "4986890"   "4991542"   "4997519"   "5009738"   "5013416"   "5041304").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 21:59
S28	0	(S26 S27) and ((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald")	US-PGPUB; USPAT	OR	ON	2006/02/28 22:00
S29	0	(118/718.ccls.) and (self with limit\$3)	US-PGPUB; USPAT	OR	ON	2006/02/28 22:05
S30	1804	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald")	EPO; JPO; DERWENT	OR	ON	2006/02/28 22:06
S31	8	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") and (convey\$4 transport\$4 transfer\$4 mov\$4 translat\$4 rotat\$4) and (substrate web workpiece fiber film filament) and (roll reel drum roller take\$1up)	EPO; JPO; DERWENT	OR	ON	2006/02/28 22:10

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S32	208	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") and (convey\$4 transport\$4 transfer\$4 mov\$4 translat\$4 rotat\$4) and (substrate web workpiece fiber film filament) and (roll reel drum roller take\$1up)	US-PGPUB; USPAT	OR	ON	2006/02/28 22:10
S33	3	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") same (convey\$4 transport\$4 transfer\$4 mov\$4 translat\$4 rotat\$4) same (substrate web workpiece fiber film filament) same (roll reel drum roller take\$1up)	US-PGPUB; USPAT	OR	ON	2006/02/28 22:11
S34	8	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") with (roll reel drum roller take\$1up)	US-PGPUB; USPAT	OR	ON	2006/02/28 22:16
S35	2	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") with (roll reel drum roller take\$1up)	EPO; JPO; DERWENT	OR	ON	2006/02/28 22:13
S36	6	"4058430"	EPO; JPO; DERWENT	OR	ON	2006/02/28 22:15
S37	1	("4058430").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/28 22:15
S38	0	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") with (web)	US-PGPUB; USPAT	OR	ON	2006/02/28 22:27
S39	0	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") with (web)	EPO; JPO; DERWENT	OR	ON	2006/02/28 22:16
S40	38	( 427/255.5) and ((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald")	US-PGPUB; USPAT	OR	ON	2006/02/28 22:22
S41	25	("20010007244"   "20020043216"   "20020046705"   "20020066411"   "20020100418"   "20020195056"   "20030023338"   "20030059538"   "20030098372"   "20030194493"   "20040052972"   "4058430"   "4976969"   "4976996"   "5281274"   "5302209"   "5338362"   "5527731"   "5747113"   "6139695"   "6319553"   "6458416"   "6503330"   "6541353"   "6576062").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 22:25
S42	0	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") with ("continuous substrate")	US-PGPUB; USPAT	OR	ON	2006/02/28 22:27
S43	22	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") and ("continuous substrate")	US-PGPUB; USPAT	OR	ON	2006/02/28 22:30
S44	0	((atomic adj layer adj (epitax\$4 deposit\$4 coat\$4)) "ald") and ("continuous substrate")	EPO; JPO; DERWENT	OR	ON	2006/02/28 22:30
S45	1297	(118/718.cds. 427/255.5)	US-PGPUB; USPAT	OR	ON	2006/03/01 10:03
S46	235	427/255.5.cds. and (roll roller reel filament web (continu\$4 adj (substrate sheet)) drum fiber)	US-PGPUB; USPAT	OR	ON	2006/03/01 10:13
S47	504	427/255.5.cds.	US-PGPUB; USPAT	OR	ON	2006/03/01 10:04
S48	58	S46 and 118/718.cds.	US-PGPUB; USPAT	OR	ON	2006/03/01 10:05
S49	906	S46 118/718.cds.	US-PGPUB; USPAT	OR	ON	2006/03/01 10:06
S50	729	118/718.cds.	US-PGPUB; USPAT	OR	ON	2006/03/01 10:05
S51	33	jansen-frank.in.	US-PGPUB; USPAT	OR	ON	2006/03/01 10:08
S52	1	jansen-frank-\$.in.	US-PGPUB; USPAT	OR	ON	2006/03/01 10:06
S53	34	S51 S52	US-PGPUB; USPAT	OR	ON	2006/03/01 10:06
S54	2	("6110540").URPN.	USPAT	OR	ON	2006/03/01 10:08
S55	0	("6110540").URPN.	US-PGPUB	OR	ON	2006/03/01 10:08

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S56	35	jansen-frank.in.	EPO; JPO; DERWENT	OR	ON	2006/03/01 10:09
S57	1	jansen-frank-\$.in.	EPO; JPO; DERWENT	OR	ON	2006/03/01 10:09
S58	36	S56 S57	EPO; JPO; DERWENT	OR	ON	2006/03/01 10:09
S59	256	427/255.5.cds. and (roll roller reel filament web (continua\$4 adj (substrate sheet workpiece)) drum fiber strip)	US-PGPUB; USPAT	OR	ON	2006/03/01 10:13
S60	17	("2925062"   "2945771").URPN.	USPAT	OR	ON	2006/03/01 10:15
S61	6	("3488617").URPN.	USPAT	OR	ON	2006/03/01 10:25
S62	16	("4013539").URPN.	USPAT	OR	ON	2006/03/01 10:26
S63	9	("5300189").URPN.	USPAT	OR	ON	2006/03/01 10:27
S64	4	("4013539"   "4322276"   "4380211"   "4631105").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 10:28
S65	6	("4380211").URPN.	USPAT	OR	ON	2006/03/01 10:29
S66	17	("3272175"   "3284892"   "3330752"   "3488617"   "3528902"   "3598639"   "3600122"   "3630872"   "3650737").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 10:30
S67	29	("4692233").URPN.	USPAT	OR	ON	2006/03/01 10:40
S68	5	("4204942"   "4298444"   "4692233"   "5328813"   "6204480").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 10:42
S69	8	("3123493"   "4014779"   "4204942"   "4261808"   "4313815"   "4322276"   "4492181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 10:42
S70	0	("2004/0187783").URPN.	USPAT	OR	ON	2006/03/01 12:21
S71	0	204/298.24.cds	USPAT	OR	ON	2006/03/01 12:27
S72	0	204/298.24.cds	US-PGPUB; USPAT	OR	ON	2006/03/01 12:27
S73	134	(204/298.24).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/01 12:27
S74	95	S73 not S50	US-PGPUB; USPAT	OR	ON	2006/03/01 12:28
S75	28	("3829373").URPN.	USPAT	OR	ON	2006/03/01 12:28
S76	11	("4693803").URPN.	USPAT	OR	ON	2006/03/01 12:31
S77	7	("4322276"   "4395313"   "4455207"   "4693803"   "4720401"   "4863808"   "5112462").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 12:32
S78	0	("6337004").URPN.	USPAT	OR	ON	2006/03/01 12:32

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S79	113	(US-20050272263-\$ or US-20050172899-\$ or US-20050172897-\$ or US-20040052972-\$ or US-20030023338-\$ or US-20020195056-\$ or US-20010007244-\$ or US-20060006377-\$ or US-20020046705-\$ or US-20020011212-\$ or US-20020026899-\$ or US-20020170496-\$ or US-20030033982-\$ or US-20030185982-\$ or US-20030217698-\$ or US-20040011288-\$ or US-20040040506-\$ or US-20040074443-\$ or US-20040187783-\$ or US-20050005846-\$ or US-20050061246-\$ or US-20050172898-\$ or US-20050249875-\$ or US-20030057090-\$).did. or (US-6905541-\$ or US-5224441-\$ or US-6827787-\$ or US-6576062-\$ or US-5281274-\$ or US-3895129-\$ or US-6110540-\$ or US-2925062-\$ or US-3854442-\$ or US-4277516-\$ or US-4301765-\$ or US-4508049-\$ or US-4552092-\$ or US-3040702-\$ or US-3043728-\$ or US-3081201-\$ or US-3158507-\$ or US-3198167-\$ or US-3460976-\$ or US-3488617-\$ or US-4013539-\$ or US-6444099-\$ or US-5652029-\$ or US-5766696-\$ or US-6106659-\$ or US-6231727-\$).did. or (US-6312524-\$ or US-6367411-\$ or US-4322276-\$ or US-4380211-\$ or US-5300189-\$ or US-3884787-\$ or US-4294193-\$ or US-4450186-\$ or US-4466258-\$ or US-4478878-\$ or US-4655167-\$ or US-4682565-\$ or US-4692233-\$ or US-6942768-\$ or US-5328813-\$ or US-4014779-\$ or US-4842893-\$ or US-4999220-\$ or US-5000114-\$ or US-5016561-\$ or US-5032461-\$ or US-5076203-\$ or US-5180433-\$ or US-5192583-\$ or US-5258074-\$ or US-5314539-\$ or US-5364423-\$).did. or (US-5437725-\$ or US-5472506-\$ or US-5563095-\$ or US-5585139-\$ or US-5679410-\$ or US-5743966-\$ or US-5750209-\$ or US-5803976-\$ or US-5935662-\$ or US-5935335-\$ or US-5972435-\$ or US-6037241-\$ or US-6044792-\$ or US-6051285-\$ or US-6264747-\$ or US-6444274-\$ or US-6488985-\$ or US-6488777-\$ or US-6719848-\$ or US-6869484-\$ or US-3829373-\$ or US-4026787-\$ or US-4137142-\$ or US-3905887-\$ or US-4661229-\$ or US-4693803-\$ or US-6319371-\$).did. or (US-6337004-\$ or US-4933065-\$ or US-5108571-\$ or US-6402902-\$ or US-6447652-\$ or US-6770175-\$).did. or (US-3488617-\$).did. or (EP-818801-\$).did. or (US-20050172897-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/03/01 12:35
S80	20	S79 and atomic	US-PGPUB; USPAT	OR	ON	2006/03/01 12:36
S81	13	S79 and ((atomic with layer) monolayer)	US-PGPUB; USPAT	OR	ON	2006/03/01 12:38
S82	2	("4692233" "6171458").PN.	US-PGPUB; USPAT	OR	ON	2006/03/01 12:38